09/447962

STN Search Summary

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     FILE 'CAPLUS' ENTERED AT 09:26:48 ON 07 MAR 2002
L1          6288 S BLEOMYCIN
L2           778 S POLYKETIDE (2W) (SYNTHET? OR SYNTHAS?)
L3            10 S L1 AND L2
L4            84 S VERTICILLUS
L5            62 S L1 AND L4
L6             9 S L5 AND POLYKETIDE?
L7             2 S L3 NOT L6

L3   ANSWER 1 OF 10  CAPLUS  COPYRIGHT 2002 ACS
AN   2002:134587  CAPLUS
TI   Cloning and Characterization of the Bleomycin Biosynthetic Gene
     Cluster from Streptomyces verticillus ATCC15003
AU   Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Edwards, Daniel J.; Chen, Mei;
     Murrell, Jeffrey M.
SO   Journal of Natural Products ACS ASAP

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L3   ANSWER 2 OF 10  CAPLUS  COPYRIGHT 2002 ACS
AN   2002:17943  CAPLUS
TI   The biosynthetic gene cluster for the anticancer drug bleomycin
     from Streptomyces verticillus ATCC15003 as a model for hybrid
     peptide-polyketide natural product biosynthesis
AU   Shen, B.; Du, L.; Sanchez, C.; Edwards, D. J.; Chen, M.; Murrell, J. M.
SO   Journal of Industrial Microbiology & Biotechnology (2001), 27(6), 378-385

L3   ANSWER 3 OF 10  CAPLUS  COPYRIGHT 2002 ACS
AN   2001:813039  CAPLUS
TI   Nonribosomal biosynthesis of microbial chromopeptides
AU   Keller, Ullrich; Schauwecker, Florian
SO   Progress in Nucleic Acid Research and Molecular Biology (2001), 70,
     233-289

L3   ANSWER 4 OF 10  CAPLUS  COPYRIGHT 2002 ACS
AN   2001:558373  CAPLUS
TI   C-Methyltransferase and Cyclization Domain Activity at the Intraprotein
     PK/NRP Switch Point of Yersiniabactin Synthetase
AU   Miller, Deborah Ann; Walsh, Christopher T.; Luo, Lusong
SO   Journal of the American Chemical Society (2001), 123(34), 8434-8435

L3   ANSWER 5 OF 10  CAPLUS  COPYRIGHT 2002 ACS
AN   2000:721443  CAPLUS
TI   The biosynthetic gene cluster for the antitumor drug bleomycin
     from Streptomyces verticillus ATCC15003 supporting functional interactions
     between nonribosomal peptide synthetases and a polyketide
     synthase
AU   Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.; Shen, Ben
SO   Chem. Biol. (2000), 7(8), 623-642
```

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:475776 CAPLUS
TI Bleomycin gene cluster components from Streptomyces verticillus and their uses
IN Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.
SO PCT Int. Appl., 161 pp.

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:332950 CAPLUS
TI Bleomycin biosynthesis in Streptomyces verticillus ATCC15003: A model for hybrid peptide and polyketide biosynthesis.
AU Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.; Murrell, Jeffrey M.; Shen, Ben
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March 26-30, 2000 (2000), ORGN-822 Publisher: American Chemical Society, Washington, D. C.

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 2000:332949 CAPLUS
TI Cloning and characterization of a phosphopantetheinyl transferase from the bleomycin-producing Streptomyces verticillus ATCC15003.
AU Sanchez, Cesar; Shen, Ben
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March 26-30, 2000 (2000), ORGN-821 Publisher: American Chemical Society, Washington, D. C.

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:281805 CAPLUS
TI Bleomycin biosynthesis in Streptomyces verticillus ATCC15003: a model of hybrid peptide and polyketide biosynthesis
AU Shen, Ben; Du, Liangcheng; Sanchez, Cesar; Chen, Mei; Edwards, Daniel J.
SO Bioorg. Chem. (1999), 27(2), 155-171

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2002 ACS
AN 1999:145586 CAPLUS
TI Bleomycin biosynthesis in streptomyces verticillus ATCC15003: The search for a hybrid polyketide and peptide biosynthetic system
AU Shen, Ben; Du, Liangcheng; Edwards, Dan; Chen, Mei; Sanchez, Cesar
SO Book of Abstracts, 217th ACS National Meeting, Anaheim, Calif., March 21-25 (1999), ORGN-153 Publisher: American Chemical Society, Washington, D. C.

WEST Search History

DATE: Thursday, March 07, 2002

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR		
L3	L2 and l1	14	L3
L2	polyketide$ adj2 (synthase$ or synthetase$)	196	L2
L1	bleomycin$	3616	L1

END OF SEARCH HISTORY

STIC-Biotech/ChemLib 59049

From: Kerr, Kathleen
Sent: Monday, January 28, 2002 9:27 AM
To: STIC-Biotech/ChemLib
Subject: CORRECTION to Sequence Search Request 09/477962

Correction

-----Original Message-----
From: Kerr, Kathleen
Sent: Saturday, January 26, 2002 5:53 PM
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Subject: Sequence Search Request 09/477962

For: **Kathleen Kerr**
Employee #77468
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Art Unit 1652
Rm 10B13, CM1
305-1229

In Application No. **09/477,962** in ***commercial*** and ***issued*** databases:

Please search **SEQ ID No: 115** (an amino acid seq) against nucleic acid databases.

Please search **SEQ ID Nos: 115** against 09477962 **.seq** (nucleics in its own file).

Please call with any questions

Please save results from databases on ******diskettes.******

Thank you very much.

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Kathleen Kerr, Ph.D.
Patent Examiner
Recombinant Enzymes, Art Unit 1652
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